

Review– Naming Chemical Compounds

Circle the number of the compounds that you identify as covalent. Put a box around the number of the compounds you identify as acids. Name or write the formula for all of the compounds.

Name the following chemical compounds:

- 1) HBr Hydrobromic Acid
- 2) $\text{Ca}(\text{C}_2\text{H}_3\text{O}_2)_2$ Calcium Acetate
- 3) P_2O_5 Diphosphorus pentoxide
- 4) $\text{Ti}(\text{SO}_4)_2$ Titanium sulfate
- 5) C_3P_4 Tricarbon tetraphosphide
- 6) K_3N Potassium nitride
- 7) SO_2 Sulfur dioxide (remember not to use mono for first atom)
- 8) CuOH Copper (I) hydroxide
- 9) H_2CO_3 Carbonic Acid
- 10) Li_2S Lithium sulfide

Write the formulas for the following chemical compounds:

- 11) silicon dioxide SiO_2
- 12) Heptasulfur trinitride S_7N_3
- 13) manganese (II) phosphate $\text{Mn}_3(\text{PO}_4)_2$
- 14) phosphorus acid H_3PO_3
- 15) diboron tetrabromide B_2Br_4
- 16) magnesium sulfate MgSO_4
- 17) Hydrobromic acid HBr
- 18) ammonium oxide $(\text{NH}_4)_2\text{O}$
- 19) tin (IV) selenide SnSe_4
- 20) carbon tetrachloride CCl_4